## **EAST Search History**

## EAST Search History (Prior Art)

| Ref #      | Hits | Search Query                                       | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|---------------------------|---------------------|---------|---------------------|
| L6         | 3    | ("2004075714").PN.                                 | DERWENT                   | OR                  | OFF     | 2011/12/14<br>13:38 |
| L7         | 0    | (600/26-28).COLS.                                  | DERWENT                   | OR                  | OFF     | 2011/12/14<br>15:30 |
| L8         | 727  | (600/26-28).OCLS.                                  | US-PGPUB;<br>USPAT; USOCR | OR                  | OFF     | 2011/12/14<br>15:30 |
| S1         | 2137 | jetlag\$ or (jet near (lag<br>or lagged))          | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>14:17 |
| S2         | 13   | S1 and rhythym                                     | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>14:17 |
| S3         | 1261 | S1 and rhythm                                      | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>14:18 |
| S4         | 249  | S3 and (sleep with schedule)                       | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>14:18 |
| <b>S</b> 5 | 3    | ("5006985"  <br>"5163426"  <br>"5176133").PN.      | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>14:36 |
| S6         | 1    | (10/593260).APP.                                   | US-PGPUB;<br>USPAT; USOCR | OR                  | OFF     | 2011/06/23<br>14:44 |
| S7         | 2137 | jetlag\$ or (jet near (lag<br>or lagged))          | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>15:37 |
| S8         | 1261 | S7 and rhythm                                      | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>15:37 |
| S9         | 249  | S8 and (sleep with schedule)                       | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>15:37 |
| S10        | 55   | S9 and (plane or airplane or airplane or aircraft) | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/23<br>15:37 |
| S11        | 2137 | jetlag\$ or (jet near (lag<br>or lagged))          | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/24<br>09:03 |
| S12        | 1261 | S11 and rhythm                                     | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/24<br>09:03 |
| S13        | 249  | S12 and (sleep with schedule)                      | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/24<br>09:03 |
| S14        | 55   | S13 and (plane or aircraft)                        | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/24<br>09:03 |
| S15        | 43   | S14 and (body near5 temperature)                   | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/06/24<br>09:03 |

| S16         | 28    | S14 and (body near5<br>temperature) and<br>exercis\$  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:05 |
|-------------|-------|---|---------------------------|----|-----|---------------------|
| S17         | 1     | S14 and ((body near5 temperature) same exercis\$)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:05 |
| S18         | 1     | S14 and (exercis\$<br>near5 equipment)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:10 |
| S19         | 0     | S14 and (treadmill)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:10 |
| S20         | 26    | S14 and (running)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:10 |
| S21         | 0     | S14 and (exercise same running)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:10 |
| S22         | 0     | S14 and (physical same running)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:11 |
| <b>S2</b> 3 | 111   | S13 and (body near5 temperature)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:11 |
| S24         | 2     | S13 and ((body near5 temperature) same exercise)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:12 |
| <b>S</b> 25 | 1     | S13 and (exercise near equipment)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:13 |
| S26         | 1     | S13 and (exercise with equipment)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:13 |
| S27         | 0     | S13 and (treadmill)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:13 |
| S28         | 1     | S13 and ((exercise or (physical near activity)) same running)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>09:13 |
| <b>S2</b> 9 | 43767 | (airplane or plane) with (seat or chair)  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>10:16 |
| S30         | 7593  | ((built near in) or<br>connect or connected<br>or attach or attached<br>or integral or (part near<br>of)) with \$29 | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>10:17 |
| S31         | 3     | S11 and S30   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>10:17 |
| S32         | 1     | ("6135117").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/24<br>10:18 |
| S33         | 1     | ("6164787").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/06/24<br>10:21 |
| S34         | 4     | (jetlag or (jet near<br>lag)) and (exercise<br>near5 equipment\$)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/06/24<br>10:30 |

| S35 | 7   | (jetlag or (jet near<br>lag)) and (treadmill)   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:31 |
|-----|-----|---|---------------------------|----|----|---------------------|
| S36 | 2   | (jetlag or (jet near<br>lag)) and (exercise<br>near machine)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:34 |
| S37 | 123 | (jetlag or (jet near<br>lag)) and (physical\$<br>near5 (activity or<br>active))   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:35 |
| S38 | 33  | S37 and (running or<br>treadmill or (exercise<br>near5 (equipment or<br>machine)))  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:36 |
| S39 | 1   | S37 and (treadmill or<br>(exercise near5<br>(equipment or<br>machine)))   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:40 |
| S40 | 9   | S11 and (treadmill or<br>(exercise near5<br>(equipment or<br>machine)))   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:40 |
| S41 | 5   | (raise with (body near<br>temperature)) and<br>(treadmill or (exercise<br>near5 (equipment or<br>machine)))               | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:41 |
| S42 | 682 | (body near<br>temperature) and<br>(treadmill or (exercise<br>near5 (equipment or<br>machine)))                            | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:42 |
| S43 | 73  | (body near<br>temperature) and<br>(treadmill or (exercise<br>near5 (equipment or<br>machine))) and<br>circadian           | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:42 |
| S44 | 10  | (treadmill or (exercise<br>near5 (equipment or<br>machine))) and<br>((adjust or change or<br>changing) with<br>circadian) | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:49 |
| S45 | 3   | (treadmill or (exercise<br>near5 (equipment or<br>machine)) or bike or<br>bicycle or elliptical)<br>same circadian        | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:51 |
| S46 | 98  | exercise with circadian   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2011/06/24<br>10:52 |

| S47         | 16   | exercise with (change<br>alter modify<br>modification changing<br>alteration) with<br>circadian | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/24<br>10:53 |
|-------------|------|---|---------------------------|------|----|---------------------|
| S48         | 17   | S11 and (air near5 condition\$)   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/24<br>10:58 |
| S49         | 201  | exercise same circadian   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/24<br>11:12 |
| S50         | 110  | S49 and (machine or equipment)  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/24<br>11:12 |
| S51         | 70   | exercise same (affect<br>or alter or change)<br>same circadian                                  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/24<br>11:16 |
| S52         | 2137 | jetlag\$ or (jet near (lag<br>or lagged))   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/27<br>08:23 |
| <b>S</b> 53 | 1261 | S52 and rhythm  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/27<br>08:23 |
| S54         | 249  | S53 and (sleep with schedule)   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/27<br>08:23 |
| S55         | 98   | exercise with<br>(circadian)  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/28<br>15:47 |
| S56         | 473  | lustig.in.  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>09:29 |
| S57         | 0    | S56 and conditioner   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>09:29 |
| S58         | 9    | S56 and conditioning  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>09:29 |
| S59         | 224  | S56 and condition   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>09:30 |
| S60         | 15   | S56 and (air with condition\$)  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>09:30 |
| S61         | 0    | induce sleep raise<br>(body or ambient)<br>temperature  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>09:36 |
| S62         | 2    | induce sleep raise<br>(body or ambient)<br>temperature  | US-PGPUB;<br>USPAT; USOCR | SAME | ON | 2011/06/29<br>09:36 |
| S63         | 1007 | sleep (body or<br>ambient) temperature  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>09:37 |
| S64         | 66   | sleep (raise or<br>increase) (body or<br>ambient) temperature                                   | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>09:37 |
| S65         | 8    | lustig.in. and sleep  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>09:38 |

| S66 | 3   | lustig.in. and (jetlag\$<br>or (jet near (lag or<br>lagged)))  | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>09:43 |
|-----|-----|--|---------------------------|------|-----|---------------------|
| S67 | 14  | (air near (condition\$))<br>and (jetlag\$ or (jet<br>near (lag or lagged)))  | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>09:44 |
| S68 | 928 | ((air or ambient or<br>body) near5<br>temperature) and<br>(jetlag\$ or (jet near<br>(lag or lagged)))                                  | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>09:48 |
| S69 | 1   | ("5163426").PN.  | US-PGPUB;<br>USPAT; USOCR | OR   | OFF | 2011/06/29<br>09:51 |
| S70 | 673 | ((air or ambient) near5<br>temperature) and<br>(jetlag\$ or (jet near<br>(lag or lagged)))   | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:03 |
| S71 | 80  | (increas\$ or decreas\$)<br>with ((air or ambient or<br>body) near5<br>temperature) and<br>(jetlag\$ or (jet near<br>(lag or lagged))) | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:04 |
| S72 | 47  | (increas\$ or decreas\$)<br>with ((air or ambient)<br>near5 temperature)<br>and circadian  | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:17 |
| S73 | 7   | (increas\$ or decreas\$)<br>with ((air or ambient)<br>near5 temperature)<br>same circadian   | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:17 |
| S74 | 2   | (increas\$ or decreas\$)<br>with ((air or ambient)<br>near5 temperature)<br>same (sleep near5<br>(rhythm or pattern or<br>schedule))   | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:18 |
| S75 | 20  | ((air or ambient) near5<br>temperature) same<br>(sleep near5 (rhythm<br>or pattern or<br>schedule))                                    | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:18 |
| S76 | 78  | (treadmill or (exercise<br>near5 (equipment or<br>machine))) same<br>((body or core) near<br>temperature)                              | US-PGPUB;<br>USPAT; USOCR | WITH | ON  | 2011/06/29<br>10:26 |

| S77         | 1    | (treadmill or (exercise<br>near5 (equipment or<br>machine))) same<br>((raise or increase)<br>with ((body or core)<br>near temperature)) | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:27 |
|-------------|------|---|---------------------------|------|----|---------------------|
| S78         | 7020 | treadmill   | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:32 |
| S79         | 552  | S78 and (body near temperature)   | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:32 |
| S80         | 43   | S78 and (raise or increase) with (body near temperature)  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:32 |
| S81         | 143  | S78 and (sleep near5<br>(pattern or schedule or<br>rhythm))   | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:33 |
| S82         | 15   | S78 and (change alter<br>modify) with (sleep<br>near5 (pattern or<br>schedule or rhythm))   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>10:34 |
| S83         | 147  | exercise and (change<br>alter modify) with<br>(sleep near5 (pattern<br>or schedule or<br>rhythm))                                       | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>10:35 |
| S84         | 8    | (exercise with<br>(equipment or<br>machine)) and (change<br>alter modify) with<br>(sleep near5 (pattern<br>or schedule or<br>rhythm))   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>10:35 |
| S85         | 874  | treadmill.ti.   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>10:36 |
| <b>S</b> 86 | 0    | S85 and sleep   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>10:37 |
| S87         | 90   | treadmill same sleep  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>10:37 |
| S88         | 97   | travel exercise<br>equipment  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:56 |
| <b>S8</b> 9 | 66   | travel (exercise near equipment)  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>10:56 |
| S90         | 100  | ((calm or calming or<br>soothing) near5 sound)<br>same sleep  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>11:00 |
| S91         | 0    | S90 and jetlag\$  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>11:01 |
| S92         | 7    | S90 and (jet near lag)  | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29<br>11:01 |

| S93 | 3    | tactile and jetlag\$  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>11:16 |
|-----|------|---|---------------------------|------|----|---------------------|
| S94 | 55   | tactile and (jet near<br>(lag or lagged))   | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>11:17 |
| S95 | 20   | ("20050007889"   "20050096555"   "20050187426"   "20050209504"   "2005021546"   "2005028304"   "2005028304"   "2005028304"   "3470870"   "3722501"   "4191175"   "4573449"   "4711585"   "5259830"   "5259830"   "6212135"   "6628843"   "6720743"   "7099701").FN. | US-PGPUB;<br>USPAT; USOCR | WITH | ON | 2011/06/29          |
| S96 | 4416 | seki.in.  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>14:23 |
| S97 | 19   | S96 and (airplane)  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>14:24 |
| S98 | 0    | S96 and (airplane with seat)  | US-PGPUB;<br>USPAT; USOCR | OR   | ON | 2011/06/29<br>14:24 |

## 12/14/2011 3:30:27 PM

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